

Aeronautics Educator Guide			
2005 Science			
Content Standards			
Hawaii Science			
Grade 2			
Activity/Lesson	State	Standards	
Air Engines (12-16)	HI	SCI.2.SC.2.1.1	Develop predictions based on observations
Where is North? The Compass Can Tell Us (87-90)	HI	SCI.2.SC.2.1.1	Develop predictions based on observations
Where is North? The Compass Can Tell Us (87-90)	HI	SCI.2.SC.2.7.1	Identify the properties of magnets
Dunked Napkin (17-22)	HI	SCI.2.SC.2.1.1	Develop predictions based on observations
Dunked Napkin (17-22)	HI	SCI.2.SC.2.1.2	Conduct a simple investigation using a systematic process safely to test a prediction
Paper Bag Mask (23-28)	HI	SCI.2.SC.2.1.1	Develop predictions based on observations
Paper Bag Mask (23-28)	HI	SCI.2.SC.2.1.2	Conduct a simple investigation using a systematic process safely to test a prediction
Wind in Your Socks) (29-35)	HI	SCI.2.SC.2.1.1	Develop predictions based on observations
Right Flight (52-59)	HI	SCI.2.SC.2.1.1	Develop predictions based on observations
Delta Wing Glider (60-68)	HI	SCI.2.SC.2.1.1	Develop predictions based on observations
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Grade 3			
Activity/Lesson	State	Standards	
Air Engines (12-16)	HI	SCI.3.SC.3.1.1	Pose a question and develop a hypothesis based on observations
Air Engines (12-16)	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
Rotor Motor (69-75)	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
Flight: Interdisciplinary Learning Activities (76-79)	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
Where is North? The Compass Can Tell Us (87-90)	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
We Can Fly, You and I: Interdisciplinary Learning (107-108)	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
Dunked Napkin (17-22)	HI	SCI.3.SC.3.1.1	Pose a question and develop a hypothesis based on observations
Dunked Napkin (17-22)	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question

Paper Bag Mask (23-28)	HI	SCI.3.SC.3.1.1	Pose a question and develop a hypothesis based on observations
Paper Bag Mask (23-28)	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
Wind in Your Socks) (29-35)	HI	SCI.3.SC.3.1.1	Pose a question and develop a hypothesis based on observations
Wind in Your Socks) (29-35)	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
Bag Balloons (40-43)	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
Sled Kite (44-51)	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
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Grade 4			
Activity/Lesson	State	Standards	
Air Engines (12-16)	HI	SCI.4.SC.4.1.2	Differentiate between an observation and an inference
Dunked Napkin (17-22)	HI	SCI.4.SC.4.1.1	Describe a testable hypothesis and an experimental procedure
Paper Bag Mask (23-28)	HI	SCI.4.SC.4.1.1	Describe a testable hypothesis and an experimental procedure
Wind in Your Socks) (29-35)	HI	SCI.4.SC.4.1.2	Differentiate between an observation and an inference